



# KOREAN PATENT ABSTRACTS(KR)

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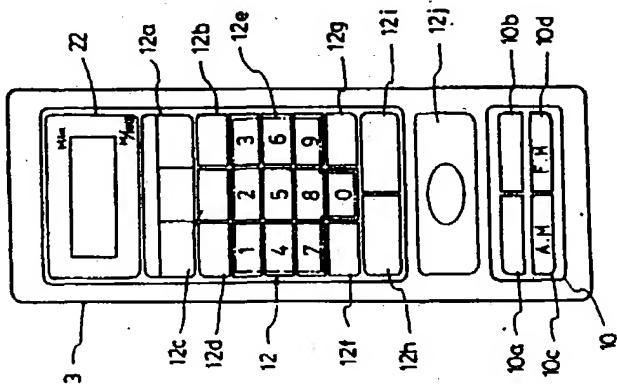
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(30) Priority:

(54) Title of Invention

MICROWAVE OVEN WITH RADIO FUNCTION AND MODE CONTROL METHOD THEREOF

Representative drawing



(57) Abstract:

The microwave oven comprises: a mode selecting unit(10) with a selection button, a function selecting unit(12) with function buttons(12a-12j) for performing the requiring operation of user; a power supply unit(14) for supplying the operating power according to a radio mode selected from a user; an antenna(16) for receiving a radio broadcasting signal from a broadcasting station according to user's selection mode; a controlling unit(18) for generating a control signal according to the selection buttons on the mode selecting unit and the function selecting unit; a displaying unit(20) for displaying the input signal from selected the mode selecting unit and the function selecting unit according to a display generating signal of the controlling unit; a counting unit(24) for counting a total cooking time during the microwave mode and the present time as a clock period; a microwave frequency output unit(26) for outputting the microwave frequency by a microwave generating signal of the controlling unit during the microwave mode selection; a radio circuit(28) for

unit(18) for generating a control signal according to the selection buttons on the mode selecting unit and the function selecting unit; a displaying unit(20) for displaying the input signal from selected the mode selecting unit and the function selecting unit according to a display generating signal of the controlling unit; a counting unit(24) for counting a total cooking time during the microwave mode and the present time as a clock period; a microwave frequency output unit(26) for outputting the microwave frequency by a microwave generating signal of the controlling unit during the microwave mode selection; a radio circuit(28) for

performing a radio function by a radio mode start signal received from the controlling unit, and a speaker(30) for amplifying a sound signal generated in the radio circuit.

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